

TECH CENTER 1600/2900

NOV 09 2001

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/539,032

DATE: 10/10/2001

TIME: 10:36:07

Input Set : A:\07064-010001.TXT

Output Set: N:\CRF3\10102001\I539032.raw

ENTERED

4 <110> APPLICANT: Brahmachari, Samir Kumar
5 Dash, Debasis
7 <120> TITLE OF INVENTION: A COMPUTER BASED METHOD FOR IDENTIFYING
8 PEPTIDES USEFUL AS DRUG TARGETS
11 <130> FILE REFERENCE: 07064-010001
13 <140> CURRENT APPLICATION NUMBER: 09/539,032
14 <141> CURRENT FILING DATE: 2000-03-30
16 <160> NUMBER OF SEQ ID NOS: 69
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 13
22 <212> TYPE: PRT
23 <213> ORGANISM: Mycoplasma pneumoniae
25 <400> SEQUENCE: 1
26 Ala Ala Gln Ser Ile Gly Glu Pro Gly Thr Gln Leu Thr
27 1 5 10
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 9
31 <212> TYPE: PRT
32 <213> ORGANISM: Mycoplasma pneumoniae
34 <400> SEQUENCE: 2
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36 1 5
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39 <211> LENGTH: 8
40 <212> TYPE: PRT
41 <213> ORGANISM: Mycoplasma pneumoniae
43 <400> SEQUENCE: 3
44 Ala Gly Arg His Gly Asn Lys Gly
45 1 5
47 <210> SEQ ID NO: 4
48 <211> LENGTH: 10
49 <212> TYPE: PRT
50 <213> ORGANISM: Mycoplasma pneumoniae
52 <400> SEQUENCE: 4
53 Ala His Ile Asp Ala Gly Lys Thr Thr Thr
54 1 5 10
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 8
58 <212> TYPE: PRT
59 <213> ORGANISM: Mycoplasma pneumoniae
61 <400> SEQUENCE: 5
62 Cys Pro Ile Glu Thr Pro Glu Gly
63 1 5
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 8
67 <212> TYPE: PRT

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68 <213> ORGANISM: Mycoplasma pneumoniae
70 <400> SEQUENCE: 6
71 Asp Glu Pro Ser Ile Gly Leu His
72 1 5
74 <210> SEQ ID NO: 7
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76 <212> TYPE: PRT
77 <213> ORGANISM: Mycoplasma pneumoniae
79 <400> SEQUENCE: 7
80 Asp Glu Pro Thr Ser Ala Leu Asp
81 1 5
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 10
85 <212> TYPE: PRT
86 <213> ORGANISM: Mycoplasma pneumoniae
88 <400> SEQUENCE: 8
89 Asp Glu Pro Thr Thr Ala Leu Asp Val Thr
90 1 5 10
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 8
94 <212> TYPE: PRT
95 <213> ORGANISM: Mycoplasma pneumoniae
97 <400> SEQUENCE: 9
98 Asp His Ala Gly Ile Ala Thr Gln
99 1 5
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 9
103 <212> TYPE: PRT
104 <213> ORGANISM: Mycoplasma pneumoniae
106 <400> SEQUENCE: 10
107 Asp His Pro His Gly Gly Gly Glu Gly
108 1 5
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 8
112 <212> TYPE: PRT
113 <213> ORGANISM: Mycoplasma pneumoniae
115 <400> SEQUENCE: 11
116 Asp Leu Gly Gly Gly Thr Phe Asp
117 1 5
119 <210> SEQ ID NO: 12
120 <211> LENGTH: 9
121 <212> TYPE: PRT
122 <213> ORGANISM: Mycoplasma pneumoniae
124 <400> SEQUENCE: 12
125 Asp Val Leu Asp Thr Trp Phe Ser Ser
126 1 5
128 <210> SEQ ID NO: 13
129 <211> LENGTH: 8
130 <212> TYPE: PRT

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131 <213> ORGANISM: Mycoplasma pneumoniae
133 <400> SEQUENCE: 13
134 Glu Arg Glu Arg Gly Ile Thr Ile
135 1 5
137 <210> SEQ ID NO: 14
138 <211> LENGTH: 11
139 <212> TYPE: PRT
140 <213> ORGANISM: Mycoplasma pneumoniae
142 <400> SEQUENCE: 14
143 Glu Arg Gly Ile Thr Ile Thr Ser Ala Ala Thr
144 1 5 10
146 <210> SEQ ID NO: 15
147 <211> LENGTH: 12
148 <212> TYPE: PRT
149 <213> ORGANISM: Mycoplasma pneumoniae
151 <400> SEQUENCE: 15
152 Glu Ser Arg Arg Ile Asp Asn Gln Leu Arg Gly Arg
153 1 5 10
155 <210> SEQ ID NO: 16
156 <211> LENGTH: 8
157 <212> TYPE: PRT
158 <213> ORGANISM: Mycoplasma pneumoniae
160 <400> SEQUENCE: 16
161 Phe Ser Gly Gly Gln Arg Gln Arg
162 1 5
164 <210> SEQ ID NO: 17
165 <211> LENGTH: 9
166 <212> TYPE: PRT
167 <213> ORGANISM: Mycoplasma pneumoniae
169 <400> SEQUENCE: 17
170 Gly Glu Pro Gly Val Gly Lys Thr Ala
171 1 5
173 <210> SEQ ID NO: 18
174 <211> LENGTH: 8
175 <212> TYPE: PRT
176 <213> ORGANISM: Mycoplasma pneumoniae
178 <400> SEQUENCE: 18
179 Gly Phe Asp Tyr Leu Arg Asp Asn
180 1 5
182 <210> SEQ ID NO: 19
183 <211> LENGTH: 8
184 <212> TYPE: PRT
185 <213> ORGANISM: Mycoplasma pneumoniae
187 <400> SEQUENCE: 19
188 Gly His Asn Leu Gln Glu His Ser
189 1 5
191 <210> SEQ ID NO: 20
192 <211> LENGTH: 9
193 <212> TYPE: PRT

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Input Set : A:\07064-010001.TXT

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194 <213> ORGANISM: Mycoplasma pneumoniae
196 <400> SEQUENCE: 20
197 Gly Ile Asp Leu Gly Thr Thr Asn Ser
198 1 5
200 <210> SEQ ID NO: 21
201 <211> LENGTH: 10
202 <212> TYPE: PRT
203 <213> ORGANISM: Mycoplasma pneumoniae
205 <400> SEQUENCE: 21
206 Gly Ile Asn Leu Leu Arg Glu Gly Leu Asp
207 1 5 10
209 <210> SEQ ID NO: 22
210 <211> LENGTH: 11
211 <212> TYPE: PRT
212 <213> ORGANISM: Mycoplasma pneumoniae
214 <400> SEQUENCE: 22
215 Gly Ile Val Gly Leu Pro Asn Val Gly Lys Ser
216 1 5 10
218 <210> SEQ ID NO: 23
219 <211> LENGTH: 8
220 <212> TYPE: PRT
221 <213> ORGANISM: Mycoplasma pneumoniae
223 <400> SEQUENCE: 23
224 Gly Lys Ser Ser Leu Leu Asn Ala
225 1 5
227 <210> SEQ ID NO: 24
228 <211> LENGTH: 13
229 <212> TYPE: PRT
230 <213> ORGANISM: Mycoplasma pneumoniae
232 <400> SEQUENCE: 24
233 Gly Leu Thr Gly Arg Lys Ile Ile Val Asp Thr Tyr Gly
234 1 5 10
236 <210> SEQ ID NO: 25
237 <211> LENGTH: 11
238 <212> TYPE: PRT
239 <213> ORGANISM: Mycoplasma pneumoniae
241 <400> SEQUENCE: 25
242 Gly Pro Pro Gly Thr Gly Lys Thr Leu Leu Ala
243 1 5 10
245 <210> SEQ ID NO: 26
246 <211> LENGTH: 8
247 <212> TYPE: PRT
248 <213> ORGANISM: Mycoplasma pneumoniae
250 <400> SEQUENCE: 26
251 Gly Pro Pro Gly Val Gly Lys Thr
252 1 5
254 <210> SEQ ID NO: 27
255 <211> LENGTH: 8
256 <212> TYPE: PRT

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Input Set : A:\07064-010001.TXT

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257 <213> ORGANISM: Mycoplasma pneumoniae
259 <400> SEQUENCE: 27
260 Gly Ser Gly Lys Thr Thr Leu Leu
261 1 5
263 <210> SEQ ID NO: 28
264 <211> LENGTH: 8
265 <212> TYPE: PRT
266 <213> ORGANISM: Mycoplasma pneumoniae
268 <400> SEQUENCE: 28
269 Gly Thr Arg Ile Phe Gly Pro Val
270 1 5
272 <210> SEQ ID NO: 29
273 <211> LENGTH: 10
274 <212> TYPE: PRT
275 <213> ORGANISM: Mycoplasma pneumoniae
277 <400> SEQUENCE: 29
278 Ile Asp Thr Pro Gly His Val Asp Phe Thr
279 1 5 10
281 <210> SEQ ID NO: 30
282 <211> LENGTH: 12
283 <212> TYPE: PRT
284 <213> ORGANISM: Mycoplasma pneumoniae
286 <400> SEQUENCE: 30
287 Ile Ile Ala His Ile Asp His Gly Lys Ser Thr Leu
288 1 5 10
290 <210> SEQ ID NO: 31
291 <211> LENGTH: 9
292 <212> TYPE: PRT
293 <213> ORGANISM: Mycoplasma pneumoniae
295 <400> SEQUENCE: 31
296 Ile Asn Gly Phe Gly Arg Ile Gly Arg
297 1 5
299 <210> SEQ ID NO: 32
300 <211> LENGTH: 9
301 <212> TYPE: PRT
302 <213> ORGANISM: Mycoplasma pneumoniae
304 <400> SEQUENCE: 32
305 Ile Arg Glu Gly Gly Arg Thr Val Gly
306 1 5
308 <210> SEQ ID NO: 33
309 <211> LENGTH: 10
310 <212> TYPE: PRT
311 <213> ORGANISM: Mycoplasma pneumoniae
313 <400> SEQUENCE: 33
314 Ile Val Gly Glu Ser Gly Ser Gly Lys Ser
315 1 5 10
317 <210> SEQ ID NO: 34
318 <211> LENGTH: 10
319 <212> TYPE: PRT

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/539,032

DATE: 10/10/2001

TIME: 10:36:08

Input Set : A:\07064-010001.TXT

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